NOTES	MOUNT: FLUSH				120/208		3-PHASE, 4W	PANEL		LB			CAPACITY: 125A			INT CAP: 14KA			NOTES
	LOCATION: MANAGER/VAULT RM. 104							LUGS:		MLO			DEMAND LOAD: 48A			AV. FAULT: 10.7KA			
	CKT	LTG	REC	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	AMP	POLE	DESCRIPTION	LTG	REC	HVAC	MISC	NP	CKT	
G	1		0.40				RTU RECEPT. (GFI/WP)	20	1	A	15	1	EXHAUST FAN EF-1 (.07 BHP)			0.85			2	C
	3		1.10				NATURAL FREEZER (ONTARIO ONLY)	20	1	B	20	1	CHECKSTAND I.G. RECEPT.		0.54				4	L
	5		1.10				NATURAL FREEZER	20	1	C	20	1	CHECKSTAND I.G. RECEPT.		0.54				6	L
	7		1.10				NATURAL FREEZER	20	1	A	20	1	CHECKSTAND I.G. RECEPT.		0.54				8	L
	9		1.10				NATURAL FREEZER	20	1	B	20	1	REC CASH WRAP		0.54				10	
	11		1.10				NATURALCOOLER	20	1	C	20	1	SPARE						12	
	13		1.10				NATURALCOOLER	20	1	A	20	1	TAG MACHINE		0.54				14	
	15						SPARE	20	1	B	20	1	BIRD DETERRENT		0.50				16	
	17		0.54				FRONT P.O.S. RECEPT.	20	1	C	20	1	MUSAK SYSTEM		0.40				18	L
	19		0.54				BOPIS UNIT - FRONT CASH	20	1	A	20	1	COPY/EQUIP I.G. SERVER RACK		0.54				20	L
	21						SPARE	20	1	B	20	1	COPY/EQUIP. I.G. RECEPT.		0.54				22	
	23		0.54				BOPIS CLOSET RECEPT.	20	1	C	20	1	COPY/EQUIP. RECEPT.		0.54				24	
	25						SPARE	20	1	A	20	1	MANAGERS OFFICE I.G. RECEPT.		0.54				26	
	27		1.10				QUEUE LINE FREEZER	20	1	B	20	1	MANAGERS OFFICE RECEPT.		0.54				28	
	29						SPARE	20	1	C	20	1	SPARE						30	
	31						SPARE	20	1	A	20	1	SPARE						32	
	33						SPARE	20	1	B	20	1	SPARE						34	
	35		0.60				POWER DROP #7 - FRONT POS	20	1	C	20	1	COLUMN RECEPT. - SALES		0.54				36	
	37						SPARE	20	1	A	20	1	SPARE						38	
	39				1.30		AUTO DOOR	20	1	B	20	1	FIRE ALARM (PAINT RED)				0.85		40	L/*
L	41				0.35		FRONT SECURITY RECEPT.	20	1	C	20	1	EXTERIOR RECEPT.		0.72				42	G

PHASE BALANCE			LOAD TYPE	CONNECTED	DEMAND	DEMAND FORMULA	TOTAL LOAD	
			LIGHTING	0.0 KVA	0.0 KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED	DEMAND
Φ	LOAD	%	RECEPTACLE	17.9 KVA	13.9 KVA	10KVA + 50% REMAINDER NEC 220.44	21.2 KVA	17.1KVA
A	6.2 KVA	29%	HVAC	0.9 KVA	0.7 KVA	LOAD X 80% (USED MCA IN CALCULATION)	58.9A	47.5A
B	8.1 KVA	38%	MISC	2.5 KVA	2.5 KVA	LOAD X 100% NEC 210.19 NON-CONT.	FILENAME:	
C	7.0 KVA	33%	NP	0.0 KVA	0.0 KVA	0 NONCOINCIDENTAL LOADS NEC 220.60	Ventialtion Air Chart_2025 St	

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. PROVIDE WITH ISOLATED GROUND BUS

NOTES	MOUNT: FLUSH				120/208		3-PHASE, 4W	PANEL		FC			CAPACITY: 225A			INT CAP: 14KA			NOTES
	LOCATION: HOLDING ROOM 122							LUGS:		MLO			DEMAND LOAD: 57A			AV. FAULT: 10.7KA			
	CKT	LTG	REC	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	AMP	POLE	DESCRIPTION	LTG	REC	HVAC	MISC	NP	CKT	
	1		0.54				REC FISH PREP	20	1	A	15	1	EXHAUST FAN EF-3 (.20 BHP)			0.87			2	C
	3				0.80		POWER DROP #5 - SM. ANIMAL	20	1	B	20	1	POWER DROP #1 - LG. AQUA.				0.80		4	
	5					1.50	EUH-1	20	2	C	20	1	POWER DROP #3 - BETTA				0.80		6	
	7					1.50				A	20	1	POWER DROP #2 - SHO3				0.80		8	
	9					1.50	EUH-2	20	2	B	20	1	POWER DROP #4 - REP. FEED				0.80		10	
	11					1.50				C	20	1	POWER DROP #1 - SHO1				0.80		12	
	13				0.80		POWER DROP #4 - REPTILE	20	1	A	20	1	POWER DROP #1 - LG. AQUA.				0.80		14	
	15		0.54				POWER DROP #2 - FREEZER	20	1	B	20	1	ASSOC. RES. - VENDING		1.00				16	
	17				0.80		POWER DROP #6 - BIRD	20	1	C	20	1	ASSOC. RES. - VENDING		1.00				18	
	19			0.40			MORORIZED DAMPER #1 & #2	20	1	A	20	1	ASSOC. RES. - FRIDGE		0.57				20	
	21		0.72				HOLDING RM. #1 GFI RECEPT.	20	1	B	20	1	ASSOC. RES. - COUNT. RECEPT.		0.54				22	
	23		0.72				HOLDING RM. #2 GFI RECEPT.	20	1	C	20	1	ASSOC. RES. - MICROWAVE		1.30				24	
	25		0.40				RECEPT. FISH EQUIP.	20	1	A	20	1	ASSOC. RES. RECEPT.		0.30				26	
	27		0.54				FISH PREP. FRIDGE	20	1	B	20	1	SPARE						28	
	29		0.54				TURTLE TANK RECEPT.	20	1	C	20	1	FISH FILTRATION RECEPT.		0.54				30	
	31		0.54				ADOPTIONS GFI RECEPT.	20	1	A	20	1	FISH FILTRATION RECEPT.		0.54				32	
	33		0.54				RECEPT. - ADOPTIONS	20	1	B	20	1	FISH FILTRATION RECEPT.		0.54				34	
	35						SPARE	20	1	C	20	1	FISH FILTRATION RECEPT.		0.54				36	
	37						SPARE	20	1	A	20	1	FISH FILTRATION RECEPT.		0.54				38	
G	39		0.40				RTU RECEPT. (GFI/WP)	20	1	B	20	1	FISH FILTRATION RECEPT.		0.54				40	
	41		0.54				COLUMN RECEPT. - SALES	20	1	C	20	1	FISH FILTRATION RECEPT.		0.54				42	

PHASE BALANCE			LOAD TYPE	CONNECTED	DEMAND	DEMAND FORMULA	TOTAL LOAD	
			LIGHTING	0.0 KVA	0.0 KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED	DEMAND
Φ	LOAD	%	RECEPTACLE	14.5 KVA	12.3 KVA	10KVA + 50% REMAINDER NEC 220.44	29.0 KVA	20.5KVA
A	8.6 KVA	30%	HVAC	1.3 KVA	1.0 KVA	LOAD X 80% (USED MCA IN CALCULATION)	80.4A	56.8A
B	9.3 KVA	32%	MISC	7.2 KVA	7.2 KVA	LOAD X 100% NEC 210.19 NON-CONT.	FILENAME:	
C	11.1 KVA	38%	NP	6.0 KVA	0.0 KVA	0 NONCOINCIDENTAL LOADS NEC 220.60	Ventialtion Air Chart_2025 St	

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. PROVIDE WITH ISOLATED GROUND BUS

NOTES	MOUNT: FLUSH				120/208		3-PHASE, 4W	PANEL		GA			CAPACITY: 225A			INT CAP: 14KA			NOTES
	LOCATION: DRYING AREA 115							LUGS:		MLO			DEMAND LOAD: 42A			AV. FAULT: 10.7KA			
	CKT	LTG	REC	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	AMP	POLE	DESCRIPTION	LTG	REC	HVAC	MISC	NP	CKT	
G	1		1.26				DRYER RECEPT.	15	1	A	20	1	SALON RECEPT.		0.84				2	G
G	3		1.26				DRYER RECEPT.	15	1	B	20	1	SALON RECEPT.		0.84				4	G
G	5		1.26				DRYER RECEPT.	15	1	C	20	1	SALON RECEPT.		0.84				6	G
G	7		1.26				DRYER RECEPT.	15	1	A	20	1	SALON RECEPT.		0.84				8	G
	9						SPARE	20	1	B	20	1	SPARE						10	
	11						SPARE	20	1	C	20	1	SPARE						12	
	13		0.36				BUZZER	20	1	A	20	1	SPARE						14	
	15		1.26				MOBILE DRYER RECEPT.	20	1	B	20	1	MOBILE DRYER RECEPT.		1.26				16	
	17						SPARE	20	1	C	20	1	SPARE						18	
G	19		1.26				MASTER BLASTER RECEPT.	30	1	A	20	1	SPARE						20	
G	21		1.26				MASTER BLASTER RECEPT.	30	1	B	20	1	SPARE						22	
	23						SPARE	20	1	C	20	1	SALON CHECK-IN I.G. RECEPT.		0.54				24	L
	25						SPARE	20	1	A	20	1	SALON CHECK-IN I.G. RECEPT.		0.54				26	L
	27						SPARE	20	1	B	20	1	SALON CHECK-IN RECEPT.		0.54				28	
	29						SPARE	20	1	C	20	1	SALON CHECK-IN RECEPT.		0.54				30	
	31						SPARE	20	1	A	20	1	SPARE						32	
	33						SPARE	20	1	B	20	1	HALLWAY RECEPT.		0.30				34	
	35						SPARE	20	1	C	15	1	WASH. DOOR OPER. & CALL SYS.				1.10		36	
	37						SPARE	20	1	A	20	1	WASHROOM GFI RECEPT.		0.85				38	
G	39		0.40				RTU RECEPT. (GFI/WP)	20	1	B	20	1	DRINKING FOUNTAIN: EWC-1		0.85				40	G
	41						SPARE	20	1	C	20	1	SPARE						42	

PHASE BALANCE			LOAD TYPE	CONNECTED	DEMAND	DEMAND FORMULA	TOTAL LOAD	
			LIGHTING	0.0 KVA	0.0 KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED	DEMAND
Φ	LOAD	%	RECEPTACLE	18.4 KVA	14.2 KVA	10KVA + 50% REMAINDER NEC 220.44	19.5 KVA	15.3KVA
A	7.2 KVA	37%	HVAC	0.0 KVA	0.0 KVA	LOAD X 80% (USED MCA IN CALCULATION)	54.0A	42.4A
B	8.0 KVA	41%	MISC	1.1 KVA	1.1 KVA	LOAD X 100% NEC 210.19 NON-CONT.	FILENAME:	
C	4.3 KVA	22%	NP	0.0 KVA	0.0 KVA	0 NONCOINCIDENTAL LOADS NEC 220.60	Ventialtion Air Chart_2025 St	

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. PROVIDE WITH ISOLATED GROUND BUS

NOTES	MOUNT: PWRPLUS				120/208		3-PHASE, 4W	PANEL		LA			CAPACITY: 225A			INT CAP: 14KA			NOTES
	LOCATION: RECEIVING AREA 117							LUGS:		MLO			DEMAND LOAD: 99A			AV. FAULT: 10.7KA			
	CKT	LTG	REC	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	AMP	POLE	DESCRIPTION	LTG	REC	HVAC	MISC	NP	CKT	
	1		0.54				RECEIVING FRIDGE/FREEZER	20	1	A	20	1	SPRINKLER ALARM				0.35		2	L
C	3			0.87			EXHAUST FAN EF-4 (.06 BHP)	15	1	B	20	1	EXHAUST FAN EF-2 (.46 BHP)			1.10			4	C
	5						SPARE	20	1	C	20	1	SPRINKLER BELL RISER				0.35		6	L
	7						SPARE	20	1	A	20	1	SPARE						8	
	9						SPARE	20	1	B	20	1	RECIRC. PUMP RP-1				0.85		10	
	11						SPARE	20	1	C	20	1	SCRUBBER		0.85				12	
C/G	13	0.80					SPECIALTY AREA LIGHTING	20	1	A	20	1	SPARE						14	
L	15				0.36		CP-1 EMS ELECTRONICS	20	1	B	20	1	SPARE						16	
L	17				0.36		CP-1 EMS OUTPUTS	20	1	C	20	1	CONTACTOR COILS		0.35				18	L
G	19		0.54				EXTERIOR RECEPTACLE	20	1	A	20	1	SPARE						20	
	21						SPARE	20	1	B	20	1	FRONT SIGN (GROOMING ETC.)		0.54				22	C
C	23				0.90		FRONT SIGNAGE (PETSMART)	20	1	C	30	2	BATTERY CHARGER				2.40		24	
C	25				0.90		SIDE SIGNAGE (PETSMART	20	1	A							2.40		26	
C	27				0.90		SIDE SIGNAGE (PETSMART	20	1	B	20	1	DOOR HORN				0.35		28	
C	29				0.90		REAR SIGNAGE (PETSMART	20	1	C	20	1	SPARE						30	
	31						SPARE	20	1	A	20	1	SPARE						32	
C	33	0.84					LIGHTS - NIGHT LIGHTS	20	1	B	20	1	RECEPTACLE - PHONEBOARD		0.45				34	L
C	35	1.60					LIGHTING - SALES	20	1	C	20	1	RECEPTACLE - PHONEBOARD		0.45				36	L
C	37	1.10					LIGHTING - SALES	20	1	A	20	1	SPARE						38	
C	39	1.10					LIGHTING - SALES	20	1	B	20	1	SPARE						40	
C	41	1.60					LIGHTING - SALES	20	1	C	15	2	BOOSTER PUMP DBP-1						42	G
C	43	1.60					LIGHTING - SALES	20	1	A									44	
C	45	1.60					LIGHTING - SALES	20	1	B	20	1	SPARE						46	
	47						SPARE	20	1	C	20	1	SPARE						48	
	49						SPARE	20	1	A	20	1	EXTERIOR WALL PACKS				0.35		50	C
C	51	1.10					LIGHTS - SALON/BATHING/WASHROOMS	20	1	B	20	1	EXTERIOR WALL PACKS				0.35		52	C
C	53	0.60					LIGHTING - RECEIVING	20	1	C	20	1	EXTERIOR CANOPY LIGHTING				0.35		54	C
C	55	0.36					LIGHTS - OFFICE/STAFF	20	1	A	20	1	SPARE						56	
C	57	0.70					LIGHTING - FISH/ADOPTION	20	1	B	20	1	SPARE						58	
L/*	59	1.60					LIGHTING - EMERG./EXIT	20	1	C	20	1	SPARE						60	

PHASE BALANCE			LOAD TYPE	CONNECTED	DEMAND	DEMAND FORMULA	TOTAL LOAD	
			LIGHTING	14.6 KVA	18.3 KVA	LOAD X 125% NEC 210.19 CONTINUOUS	CONNECTED	DEMAND
Φ	LOAD	%	RECEPTACLE	3.7 KVA	3.7 KVA	10KVA + 50% REMAINDER NEC 220.44	32.4 KVA	35.6KVA
A	8.9 KVA	28%	HVAC	2.0 KVA	1.6 KVA	LOAD X 80% (USED MCA IN CALCULATION)	89.8A	98.9A
B	11.1 KVA	34%	MISC	12.1 KVA	12.1 KVA	LOAD X 100% NEC 210.19 NON-CONT.	FILENAME:	
C	12.3 KVA	38%	NP	0.0 KVA	0.0 KVA	0 NONCOINCIDENTAL LOADS NEC 220.60	ntialtion Air Chart_2025 Standards.x	

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. PROVIDE WITH ISOLATED GROUND BUS

NOTES	MOUNT: PWRPLUS				347/600		3-PHASE, 4W	PANEL		MDP			CAPACITY: 400A			INT CAP: 50KA			NOTES
	LOCATION: RECEIVING 117							LUGS:		MCB			DEMAND LOAD: 181A			AV. FAULT: 29 KA			
	CKT	LTG	REC	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	AMP	POLE	DESCRIPTION	LTG	REC	HVAC	MISC	NP	CKT	
				4.2						A						3.5				
H	1			4.2			RTU-1 (6 TONS)	15	3	B	15	3	RTU-2 (4 TONS)			3.5			2	H
				4.2						C						3.5				
				3.5						A						5.9				
H	3			3.5			RTU-3 (5 TONS)	15	3	B	20	3	RTU-4 (7.5 TONS)			5.9			4	H
				3.5						C						5.9				
				4.2						A						5.9				
H	5			4.2			RTU-5 (6 TONS)	15	3	B	20	3	RTU-6 (7.5 TONS)			5.9			6	H
				4.2						C						5.9				
				5.9						A						4.2				
H	7			5.9			RTU-7 (7.5 TONS)	20	3	B	15	3	RTU-8 (5 TONS)			4.2			8	H
				5.9						C						4.2				
				4.2						A						4.2				
	9			4.2			WH-1	15	3	B	15	3	WH-2			4.2			10	
				4.2						C						4.2				
					0.7					A										
	11				0.7		DOCK LEVELLER	15	3	B	15	3	SPARE						12	
					0.7					C										
		3.9	17.0	2.1	6.4	1.5	XFMR: T1			A										
	13						RATED 150.0 KVA	200	3		15	3	VERIS WATT TRANSDUCER (WWT)/ PHASE LOSS MON (PLM)						14	
		5.3	20.3	2.0	7.4	1.5	LOAD 102 KVA			B										
		5.4	17.2	0.0	9.1	3.0				C										
	15						SPACE		3			3	SPACE						16	
										A										
	17						400A FRAME MOBILE GEN BREAKER W MECH INTERLOCK & AUX. SW	400	3	B		3	DEDICATED SPACE						18	
										C										

PHASE BALANCE			LOAD TYPE	CONNECTED	DEMAND	DEMAND FORMULA	TOTAL LOAD	
			LIGHTING	14.6 KVA	18.3 KVA	LOAD X 125% CEC 8-104 CONTINUOUS	CONNECTED	DEMAND
Φ	LOAD	%	RECEPTACLE	54.5 KVA	32.2 KVA	10KVA + 50% REMAINDER	240.9 KVA	188.2KVA
A	77.2 KVA	32%	HVAC	140.9 KVA	112.7 KVA	LOAD X 80% (USED MCA IN CALCULATION)	231.5A	181.1A
B	82.7 KVA	34%	MISC	25.0 KVA	25.0 KVA	LOAD X 100% CEC 8-104 NON-CONT.	FILENAME:	
C	81.0 KVA	34%	NP	6.0 KVA	0.0 KVA	0 NONCOINCIDENTAL LOADS	Ventialtion Air Chart_2025 St	

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND
B. SERVICE ENTRANCE RATED
C. MCB TO BE PROVIDED WITH MECHANICAL KIRK-KEY INTERLOCKED WITH MOBILE GENERATOR.
D. BREAKERS FOR RTU'S ARE TO BE 'HACR' RATED.

NOTES	MOUNT: PWRPLUS				120/208		3-PHASE, 4W	PANEL		LDP			CAPACITY: 600A RATED			INT CAP: 22KA			NOTES
	LOCATION: RECEIVING 117							LUGS:		MLO			DEMAND LOAD: 213A			AV. FAULT: 11 KA			
	CKT	LTG	REC	HVAC	MISC	NP	DESCRIPTION	AMP	POLE	Φ	AMP	POLE	DESCRIPTION	LTG	REC	HVAC	MISC	NP	CKT	
		3.9	1.1	0.0	4.0	0.0				A				0.0	5.3	0.9	0.0	0.0		
	1	5.3	1.0	2.0	2.8	0.0	PANEL 'LA'	150	3	B	100	3	PANEL 'LB'	0.0	6.0	0.0	2.2	0.0	2	
		5.4	1.7	0.0	5.3	0.0				C				0.0	6.6	0.0	0.4	0.0		
		0.0	7.2	0.0	0.0	0.0				A				0.0	3.4	1.3	2.4	1.5		
	3	0.0	8.0	0.0	0.0	0.0	PANEL 'GA'	150	3	B	150	3	PANEL 'FC'	0.0	5.4	0.0	2.4	1.5	4	
		0.0	3.2	0.0	1.1	0.0				C				0.0	5.7	0.0	2.4	3.0		
										A										
	5						SPACE		3	B	3		SPACE						6	
										C										
										A										
	7						SPACE		3	B	3		SPACE						8	
										C										
										A										
	9						SPACE		3	B	3		SPACE						10	
										C										
										A										
	11						SPACE		3	B	3		SPACE						12	
										C										

PHASE BALANCE			LOAD TYPE	CONNECTED	DEMAND	DEMAND FORMULA	TOTAL LOAD	
			LIGHTING	14.6 KVA	18.3 KVA	LOAD X 125% CEC 8-104 CONTINUOUS	CONNECTED	DEMAND
Φ	LOAD	%	RECEPTACLE	54.5 KVA	32.2 KVA	10KVA + 50% REMAINDER	102.0 KVA	76.6KVA
A	30.9 KVA	30%	HVAC	4.1 KVA	3.3 KVA	LOAD X 80% (USED MCA IN CALCULATION)	283.2A	212.7A
B	36.5 KVA	36%	MISC	22.9 KVA	22.9 KVA	LOAD X 100% CEC 8-104 NON-CONT.	FILENAME:	
C	34.7 KVA	34%	NP	6.0 KVA	0.0 KVA	0 NONCOINCIDENTAL LOADS	Ventialtion Air Chart_2025 St	

REQUIRED FEATURES:
A. ALUMINUM BUSSING, COPPER GROUND

PANEL LEGEND NOTES:

- L PROVIDE BREAKER W/ HANDLE "LOCK-ON" DEVICE
- C CIRCUIT THROUGH CONTACTOR PANEL FOR ENERGY MANAGEMENT CONTROL – SEE SHEET EM2
- G G.F.C.I CIRCUIT BREAKER
- E EMS LIGHTING CONTACTOR COIL POWER CIRCUIT
- H BREAKER SHALL BE HACR RATED
- * PAINT BREAKER RED

GENERAL NOTE:

ELECTRICAL CONTRACTOR SHALL EITHER PROVIDE MULTI-POLE CIRCUIT BREAKERS OR HANDLE TIES FOR ALL CIRCUIT BREAKERS IN PANELBOARDS WITH MULTI-WIRE CIRCUITS IN ACCORDANCE WITH CSA C22.1-21 AND LATER. ELECTRICAL CONTRACTOR SHALL EXECUTE MEANS AND METHODS IN ACCORDANCE WITH APPLICABLE SECTION(S) OF O.E.S.C. AND THE LOCAL AUTHORITY HAVING JURISDICTION. ALL 120V LED LIGHTS SHALL HAVE DEDICATED NEUTRALS, SHARING NEUTRALS IS NOT ALLOWED.

ELECTRIC UNIT HEATER SCHEDULE (EUH):

MARK	MANUFACTURER	MODEL #	ELECTRICAL DATA VOLTAGE	PHASE	Hz	kW	NOTES
EUH-1	QMARK	EFF-4004	208V	1Ø	60	1.5kW	PROVIDE EFF-TBAR T-BAR MOUNTING, HONEYWELL TH5110D1022 THERMOSTAT CONNECTED W/ MD-1 & 40VA 120-24V TRANSFORMER FOR CONTROL WIRING.
EUH-2	QMARK	EFF-4004	208V	1Ø	60	1.5kW	PROVIDE EFF-TBAR T-BAR MOUNTING, HONEYWELL TH5110D1022 THERMOSTAT CONNECTED W/ MD-2 & 40VA 120-24V TRANSFORMER FOR CONTROL WIRING.

- ELECTRICIAN TO OBTAIN FROM NATIONAL VENDOR. NO SUBSTITUTIONS.
- INSTALL PER MANUFACTURERS INSTRUCTION.
- MOUNT IN CEILING.
- FACTORY INSTALLED DISCONNECT SWITCH.

EQUIPMENT SCHEDULE:

MARK	EQUIPMENT SERVED	LOAD	VOLT/ PHASE	FED BY	DISC. BY	MCA	MOCPD	FEEDER
RTU-1	ROOFTOP UNIT	12.47kVA	600V/3ø	MDP	MC	12	15	3 #10 + GND- ¾"C
RTU-2	ROOFTOP UNIT	10.39kVA	600V/3ø	MDP	MC	11	15	3 #10 + GND- ¾"C
RTU-3	ROOFTOP UNIT	12.47kVA	600V/3ø	MDP	MC	12	15	3 #10 + GND- ¾"C
RTU-4	ROOFTOP UNIT	17.67kVA	600V/3ø	MDP	MC	17	20	3 #10 + GND- ¾"C
RTU-5	ROOFTOP UNIT	12.47kVA	600V/3ø	MDP	MC	12	15	3 #10 + GND- ¾"C
RTU-6	ROOFTOP UNIT	17.67kVA	600V/3ø	MDP	MC	17	20	3 #10 + GND- ¾"C
RTU-7	ROOFTOP UNIT	17.67kVA	600V/3ø	MDP	MC	17	20	3 #10 + GND- ¾"C
RTU-8	ROOFTOP UNIT	12.47kVA	600V/3ø	MDP	MC	11	15	3 #10 + GND- ¾"C
WH-1	WATER HEATER	12.47kVA	600V/3ø	MDP	MC	12	15	3 #10 + GND- ¾"C
WH-2	WATER HEATER	12.47kVA	600V/3ø	MDP	MC	12	15	3 #10 + GND- ¾"C

MECHANICAL EQUIPMENT GENERAL NOTES:
1. MOCPD TO BE AS PER MANUFACTURERS' RECOMMENDATIONS.
2. PROVIDE NON-FUSED LOCAL DISCONNECT SWITCH RATED AT 14 kAIC. CONDUITS FOR POWER AND CONTROL WIRING MUST BE RUN INSIDE THE ROOF CURB TO ALL EQUIPMENT. DO NOT PENETRATE THE ROOF OUTSIDE OF THE ROOF CURB.
3. PROVIDE WEATHERPROOF 120V GFCI CONVENIENCE OUTLET ON ROOF CURB. CIRCUIT AS INDICATED.
4. CONTRACTOR TO CONFIRM EXACT POWER REQUIREMENTS WITH MECHANICAL EQUIPMENT SHOP DRAWINGS PRIOR TO ORDERING ELECTRICAL DISTRIBUTION EQUIPMENT.
5. CONTRACTOR TO CONFIRM NAMEPLATE DATA PRIOR TO CONNECTIONS.

DESIGNER NOTE: ON A PROJECT SPECIFIC BASIS, IF EXTERIOR TRANSFORMER SHARED WITH ADJACENT TENANT, AN EXTERIOR DISCONNECT IS REQUIRED. THUS THE MCB WILL CHAN